

(DC-4621)

Space Travelers, by A. Golikov, I. Smirnov, 4 pp.

RUSSIAN, per, Ogonek, Vol XXXVIII, No 35 (1732),
Aug 1960, p 2.

JPRS 6402

Sci - Space Res

Dec 60

135,918

Change in Thermal Conductivity of Cubic Crystals on
Deformation, by I. A. Smirnov, B. Ya. Moizhes, 9 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 7, 1963,
pp 1958-1969.

Amer Inst Phys
Sov Phys - Solid State
Vol V, No 7

Sci
Jan 64

249,252

On the Mechanism of Current Carrier Scattering in Lead
Telluride, by E. D. Devyatkov, I. A. Skirnov, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 3, 1961,
pp. 2310 - 2318

AIP
Sov Phys - Solid State
Vol III, No 3

Sci

192, 522

The Effect of Halogen Additions on the Thermal Conductivity of Lead Telluride, by E. D. Devyatkov, I. A. Smirnov 9 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 8, 1961, pp. 8298 - 2299

AIP
Sov Phys - Solid State
Vol III, No 8

192,520

Sci
Mar 62

The Thermal Conductivity and the Dependence of
the Lorentz Number in PbSe on Temperature and
k on the Degree of the Electron-Gas Degeneracy,
by E. D. Devyatkova, I. A. Smirnov, 7 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol II,
No 8, 1960, pp 1984-1991.

AIP
Sov Phys- Solid State
Vol II, No 8

Sci

141, 854

Mar 61

Thermal Conductivity of p- and n-Type Germanium
with Different Carrier Concentrations in the
Temperature Range 80 to 440°K, by E. D.
Davyathove, I. A. Smirnov, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 4,
1960, pp 561-565.

AIP
Sov Phys-Solid State

Sci

Jan 61

138,203

The Temperature Dependence of the Thermal Resistance
of Certain Crystals Near the Debye Temperature, by
E. D. Devyatkova and I. A. ~~Solovay~~ *6.78*

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 9,
1962, pp 25-7-2513.

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 9

Sci

Jun 63

342,540

The Effective Carrier Mass in Lead Selenide, by
I. A. Smirnov, B. Ya. Moizhes, E. D. Hensberg,
12 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol II,
No 8, 1960, pp 1992-.

AIP
Sov Phys- Solid State
Vol II, No 8

Sci

Mar 61

141,853

The Thermal Conductivity of Germanium, by E.D.
Davyatkova, I. A. Smirnov, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 9, 1957
pp 1944-1949.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 9

Sci-Phys

Jun 58

65,215

Extra Raw Materials for the Cotton Industry,
by I. I. Sairnov. UNCL

RUSSIAN, per, Tekstil Prom, No 1, 1959,
pp 25-27. 9049910

DSID LLU RTS 1366

(5a. 0a.)

USSR
Econ
Feb 60

107229

A Contribution to the Economic Appraisal of Land
in a Socialist Society, by I. K. Smirnov, 5 pp.

RUSSIAN, per, Vest Leningradskogo Univ, Ser
Ekon, Filosofii, i Prava, No 17, Issue 3, 1959,
43-52.

Interntl Arts and Sci Press
Problems of Economics
Vol II, No 11

120,745

Jun 60
USSR
Econ

on the Distribution of Pressure-Field Coupling
Moments in a Standard Layer of the Atmosphere,
by I. P. Smirnov, 18 pages 13 pp.
RUSSIAN, rpt, Otdel'noye Nauchnoye Izdaniye
Priglaseniye, Moscow, 1964, pp 21-41.
JPRS 26176

Sci - EE/A
Sep 64

264,264

The Principal Tasks in Improving the
Products of the Medical Industry, by N. P.
Sulimov, 10 pp.
HOSBIA, per, Meditsinskaya Promyshlennost'
SSSR, No 7, Jul 1964, pp. 3-9.
JPRS 31009

USSR
Sci-B/M
Jul 65

813,252

(BX-4257)

On the Specialization of the All-Union
Scientific-Research Institute of Medical
Instruments and Equipment, by I. P. Smirnov,
12 pp.

RUSSIAN, per, Medit Prom SSSR, Vol XIV, No 4,
1960, pp 3-6.

JPRS 5114

Sci - Med

Aug 60

Electrical Conductivity, Viscosity, and Density
of Aqueous Solutions of Orthophosphoric Acid,
by S. I. Sklyarenko, I. V. Smirnov, 7 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXV, 1951,
pp 24-28.

SLA 60-17724

Sci

129,409

OTS, Vol IV, No 3

Sep 60

Thermal Conductivity of α - and β - Modifications of
 In_2Te_3 , by A. I. Zaslavskiy, V. M. Sergeyeva, I. A.
Smirnov, 8 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 11, 1960,
pp 2885-2893.

AIP
Sov Phys - Solid State
Vol II, No 11

Sci

Jun 61

158, 534

The Relationship Between Thermal and Optical Properties
of In_2Te_3 , by V. A. Petrusovich, V. M. Sergeyev, I. A.
Smirnov, 35 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 11, 1960,
pp 2894-2898.

AIP
Sov Phys - Solid State
Vol II, No 11

Sci

Jun 61

158,535

Fused Quartz as a Model Material in Thermal
Conductivity Measurements, by E. D. Davyatkov,
A. V. Petrov, I. A. Smirnov, 8 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 4,
1960, pp 738-746.

AIP
Sov Phys-Solid State

Sci

Jan 61

138, 230

THEORETICAL BASIS FOR THE PRINCIPLE OF SINGLE-CELLED
ALGAE CULTIVATION, BY I. V. SHUMOV, 16 PP.

RUSSIAN, PER, BIOFIZIKA, VOL VIII, NO 1, 1965,
PP 90-100.

JPRS 18732

SCI - BIOL-MED SCI

APR 63

845,819

On the Completeness of Proximity Spaces II., by
Ju. M. Smirnov, 24 p.

RUSLAB, per, Trudy Matematicheskogo Instituta Akad. Nauk SSSR,
Vol IV, 1955, pp 421-430.

Am math Soc
Vol XXVIII, Part 2

Ju. M. SMIRNOV

Sci-861
Sci-861

Sci-861

On the Completeness of Proximity Spaces I., Lj
Ju. M. Smirnov, 35 p.
RUSSIAN, for, Trudy Moskovskogo Matema. Obshchestva,
Vol III, 1954, pp 271-306.

Am Math Soc
Vol XXVIII, No 2

Ju. ~~S~~ M. SMIRNOV

Sci-Math
Jul 65

306, 613

On Proximity Space, by Ju. M. Smirnov, 52 p.
RUSSIAN, per, Internat Electron, Vol XXXIII(73),
1972, pp 963-974.

SovMath Soc
Vol XXXVIII, Part 2

Ju. M. Smirnov

Sci-Math
Jun 66

302,618

On the Proximity Spaces in the Sense of V. A.
Efremovic, by Ju. Smirnov, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol.
LXXXIV, 1952, pp 895-899.

Sov Math Soc
Vol XXXVIII, No. 2

Ju. SMIRNOV

Sci-Math
Jun 66

302,117

Methods of Combating Icing on Overhead Lines, by
N. Krasnushkin, K. Smirnov.

UNKNOWN, 1935 (1), pp 15-61.

6
ILL N. 4037

Sci

Apr 62

Smirnov, K. A.
DETERMINATION OF THE MOST ECONOMICAL
NUMBER OF CONNECTED GENERATOR SETS IN
THERMAL POWER STATIONS. [1963] [9p] 1rat
C. E. Trans. 2639.
Order from OTS, SLA, or ETC \$1.10 TT-63-23961

Trans. of Elektrichestvo (USSR) 1962, no. 1,
p. 12-15.

DESCRIPTORS: *Generators, Electrical power produc-
tion, Economics, Power, Consumption, Boilers, Steam
power plants, Mathematical analysis.

(Engineering--Electrical, TT, v. 11, no. 2)

TT-63-23961

I. Smirnov, K. A.
II. CE Trans-2639
III. Central Electricity
Generating Board
(Gt. Brit.)

Office of Technical Services

To Further Develop Pipeline Transportation,
by K. Smirnov, 4 pp.

RUSSIAN, np, Stroitel'naya Gazeta, 10 May 1961.

JPRS 9637

EE
USSR

Econ

Aug 61

16 2,277

Smirov, K.
THE WILD PRISMATIC ASTROLABE. Trans. on
Soviet Geodesy. 2 June 61 [27]p. (bibl. omitted) 3 refs.
JPRS: 110-N/11,
Order from OTS or SLA \$2.60 61-23045

Trans. of Geodest (USSR) 1932 [v. 8] no. 2/3,
p. 40-53.

DESCRIPTORS: *Geodesics, USSR, *Instrumentation,
Design.

(Unannounced)

61-23045

- I. Title: Astrolabe
- I. Smirnov, K.
- II. Title: Soviet ...
- III. JPRS-110-N/11
- IV. Joint Publications Research
Service, New York

Office of Technical Services

Detecting of Errors in the Toothed Disc of Automatic
Graduating Engines, by K. Sairnov, 28 pp.

RUSSIAN, per, Geodezist, No 5, 1932, pp 13-31.

JPRS R-110-N/31

Sci - Eng - Geodesy

Feb 61

139771

A New Model of the Zeiss Planis Table and Alidade,
by K. Smirnov, 4 pp.

RUSSIAN, per, Geodest, No 11-12, 1931, report
pp 31-34.

JPRS: R-109-H/64

Sci - Eng

Feb 61

139,495
SLA: 61-21158

An Investigation of the Wild Universal Theodolites,
by K. Smirnov.

RUSSIAN, per, Trudy Tsentral Nauch-Issled Inst
Geodezii, Aerofotos'yemki, 1 Kartografi, No 3,
1931, pp 104-127.

ACIC

Sci

180,790

Feb 62

The Bakhara-Urals Gas Pipeline, by K. K. Smirnov, 8pp.

RUSSIAN, per, Gasevaya Promyshlennost, No 8, 1962,
pp 1-3. (Extract)

ML Tr Bulletin
Vol V No 1 1963

Sci - Econ
Mar 63

Smirnov, K.
THE NEW PLANIMETER OF THE "GEOPHYSICS"
PLANT OF THE PRECISION MECHANICS TRUST.
Trans. on Soviet Geodesy 1925-40. 27 Dec 60, 6p.
3 refs. JPRS: R-108-N/92.
Order from OTS \$0.50

61-11833

Trans. of Geodesist (USSR) 1930 [v. 6] no. 12,
p. 34-38.

(Earth Sciences--Geodesy, TT, v. 5, no. 6)

61-11833

- I. Geodesics--Instrumentation
2. Title: Planimeter
- I. Smirnov, K.
- II. Title: Soviet...
- III. JPRS-R-108-N/92
- IV. Joint Publications Research
Service, New York

Office of Technical Services

().

Tacheograph of P. V. Melent'ev, by K. Smirnov, 3 pp.

RUSSIAN, per, Geodezist, No 1, 1930, pp 60-62.

CIA FDD/X 4370

Sci-Engr

9 Aug 60

61-11700

Smirnov, K.

THE PROBLEM OF THE WILD PRECISION RANGE-FINDER. Trans. on Soviet Geodesy 1925-40.

3 Jan 61, 4p. JPRS: R-109-N/65.

Order from OTS \$0.50

61-11700

Trans. of Geodest (USSR) 1931 [v. 7] no. 11/12, p. 34-36.

1. Range finders--Mathematical analysis
2. Geodesics--Theory
- I. Smirnov, K.
- II. Title: Soviet...
- III. JPRS-R-109-N/65
- IV. Joint Publications Research Service, New York

Office of Technical Services

(Earth Sciences--Geodesy, TT, v. 5, no. 6)

Shaturov, E.
DETECTING OF ERRORS IN THE TOOTHED DISC
OF AUTOMATIC GRADUATING ENGINES. Trans.
on Soviet Geodesy :1925-40 27 Jan 61. 28p. 7 refs.
JPRS: R-110-N/31.
Order from GTS \$0.75 61-11871

Trans. on Geodesist (USSR) 1932 [v. 8] no. 5,
p. 13-31.

(Earth Sciences--Geodesy, TT, v. 5, no. 7)

61-11871

- I. Geodesics--Instrumentation
2. Calibration--Errors
3. Title: Graduating machine
- I. Smirnov, K.
- II. Title: Soviet...
- III. JPRS-R-110-N/31
- IV. Joint Publications Research
Service, New York

Office of Technical Services

Smirnov, K.
THE RHYTHMIC CHRONOMETER AND RHYTHMIC
SIGNALS. Trans. on Soviet Geodesy 1925-40.
3 Jan 61, 5p. JPRS: R-109-N/52.
Order from OTS \$0.50

61-11696

Trans. of Geodezist (USSR) 1931 [v. 7] no. 7,
p. 37-41.

(Earth Sciences--Geodesy, TT, v. 5, no. 6)

61-11696

- I. Chronographs--Design
- I. Smirnov, K.
- II. Title: Soviet...
- III. JPRS-R-109-N/52
- IV. Joint Publications Research
Service, New York

Office of Technical Services

Smirnov, K.
STUDY OF, AND FIELD WORK WITH, KERN
DOUBLE IMAGE TACHYMETER. Trans. on Soviet
Geodesy 1925-40. 10 Jan 61, 18p. JPRS: R-112-N/34.
Order from OTS \$0.50 61-21014

Trans. of Geodesist (USSR) 1934 [v. 10] no. 8,
p. 34-46.

(Earth Sciences--Geodesy, TT, v. 5, no. 8)

61-21014

- I. Range finders--Performance
- I. Smirnov, K.
- II. Title: Soviet...
- III. JPRS-R-112-N/34
- IV. Joint Publications Research
Service, New York

Office of Technical Services

Smirnov, K.
COEFFICIENT OF EXPANSION OF INVAR TAPES.
Review of German language article by K. Lüdemann.
9 June 61 [6]p. 7 refs. JPRS: R-110-N/33.
Order from OTS or SLA \$1.10 61-23093

Trans. of Geodetist (USSR) 1932 [v. 8] no. 5, p. 40-42
(based on material originally pub. in Austrian Journal
of Surveying [etc] 1931, no. 6).

DESCRIPTORS: Geophysical prospecting. *Geodesics,
Measurement, Instrumentation, Nickel, Steel,
Elasticity, Numerical analysis.

(Earth Sciences--Geodesy. TT, v. 7, no. 7)

61-23093

1. Title: Invar tapes
- I. Smirnov, K.
- II. Lüdemann, K.
- III. JPRS-R-110-N/33
- IV. Joint Publications Research
Service, New York

197245

7-28-61

Office of Technical Services

(NY-1840)

CONVERSION FROM THE PRODUCTION OF UNIT BRICK
TO THAT OF PREFABRICATES AT THE PODOL'SK WALL
MATERIALS AND COMPONENTS PLANT, BY
K. SMIRNOV, A. GOROKHOVSKIY, 4 PP.

RUSSIAN, NP, STROITEL' GAZETA, 1 JUN 1962, P 2.

JPRS 14807

USSR
ECON
AUG 62

206,923

().

Method for the Precise Measurement of Short Intervals
of Time, by K. Smirnov, 1 p.

RUSSIAN, per, Geodezist, No 4, 1931, pp 42.

CIA FDD/X 4380

Sci-Phys

9 Aug 60

().
Leveling Without Calculations, by K. Smirnov, 7 pp.

RUSSIAN, per, Geodezist, No 4, 1932, pp 11-15.

CIA FDD/X 4385

Sci-Phys

9 Aug 60

() .

Planimeters Produced at Plants in the USSR, by
K. Smirnov, 20 pp.

RUSSIAN, per, Geodezist, No 4, 1929, pp 24-40.

CIA FDD/X 4361

USSR

Econ

8 Aug 60

The Aircraft at High Altitude, by N. Dobrenko,
K. Smirnov, 6 pp. FOR OFFICIAL USE ONLY

RUSSIAN, per, Aviatziya i Kosmonavtika, No 8,
1963, 9692279

FTD-ST-63-8

Sci
Apr 64

255,924

Determination of the Most Economical Number of
Connected Generator Sets in Thermal Power
Stations, by K. A. Smirnov.

RUSSIAN, per, Elektrichestvo, No 1, 1962,
pp 12-15.

NLL Ref 9022.09 1963 (2,639)
(Loan)

Sci - Electron
Nov 63

242,256

Diurnal Pattern of Feeding of Cod on the
Fishing Grounds of the Barents Sea, by E. M.
Zadulskaya, K.S. Smirnov.

RUSSIAN, per, Trudy Vses N I Inst Mor

Rybnogo Khoz i Okean Vnro, No 4, 1939,

pp 38-321

MHC/Bef C-4021

K. S. SMIRNOV

Sci -

Jul 67

334,979

(NY-7020)

SECRETORY FUNCTION OF THE PANCREAS IN RADIATION
SICKNESS, BY K. V. SHIRNOV, M. F. NESTERIN, 6 PP.

RUSSIAN, PER, PATOLOG FIZ I EKSPER TERAPIYA,
VOL VI, NO. 1, JAN/FEB 1962, PP 73-76.

JPRS 13573

SCI
MAED
MAY 62

193,160

(SP-1327)

The Effect of External Ionizing Radiation on the
Participation of the Liver and Intestine on
Lipid Metabolism, by K. V. Smirnov, V. A.
Shaternikov, 7 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5,
Sep/Oct 1960, pp 464-468.

JPRS 4345

Sci - Med

139,909

Feb 61

Stages in the Development of Breathing at a
Prescribed Rate in Man, by O. V. Osypova, K. M.
Smirnov, 9 pp

RUSSIAN, per, Fiziol Zhur SSSR, imeni I. M.
Sechenova, Vol XLVI, No 3, 1960, pp 277-283

PP

Sci

Oct 60

130,182

The Journal Physics of Working Efficiency in Man,
by I. G. Vasil'ov, L. P. Zinnitskaya, E. M.
Shlyarchik, K. M. Smirnov, B. G. Filippov,
S. A. Kaitun and A. M. Shatalov, 6 pp.

RUSSIAN, for Fizicheskaya Effektivnost' Tzrabotnykh
Vol XLIII, No 9, 1957, pp 817-824.

Pergamon Inst

Sci - Med
Nov 58

76,111

Effect of Competitive Conditions on Respiratory
Exchange, Pulse Rate, Arterial Pressure and Efficiency
in Athletes, by K. M. Smirnov, S. A. Bakulin, L. L.
Golovina, E. Ya. Zak, S. D. Kogan, 6 pp.

RUSSIAN, per, Fisiol Zhur SSSR imeni I. M.
Sechenova, Vol XLV, No 3, 1959, pp 289-294.

PP

Sci -

Nov 59

101, 356

Salivation in Man in Various Stages of Acclimatization to a Hot Climate, by K. M. Smirnov, E. L. Sklyarchik, 3 pp.

RUSSIAN, per, Fiz Shur SSSR imeni I. M. Sechenova, Vol XLIII, No 5, 1957, pp 365-389.

Pergamon Institute

Sci - Med

May 58

63,626

Diurnal Pattern of Feeding of Cod on the Fishing
Grounds of the Barents Sea, by E. S. Zakharkaya,
K. S. Smirnov.
RUSSIAN, per, Trudy Vsesoyuznogo Nauchno-Issled
Instituta Morskogo Rybnogo Khoz i Okean, Vol IV,
1939, pp 321-338.
Fisheries Res Bd of Canada

Sci-Biol/Med
Aug 64

265,117

The Creativity of Innovators, by V. N. Zhidnev,
K. S. Smirnov, 7 p.

RUSSIAN, per, Vest Voz Flota, No 7, 1959,
pp 76-80. 652066

ATTC

USSR

Mil

Feb 60

106,668

The Motor Function of an Isolated Sg Segment of Small
Intestine in Dogs With Acute Radiation Sickness, by
K. V. Smirnov, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVI,
No 12, 1958, pp 23-27.

Consultants Bureau

Sci - Med

Jul 59

91,621

The Mechanism of Disorders in Motor and Secretory
Function of the Small Intestine in Acute Radiation
Sickness, by K. V. Smirnov, 5 pp.

RUSSIAN, per, Dyd Eksp. Biol i Med, Vol LI,
No 3, 1961, pp 33-36.

CD

Sci
Aug 62

208,135

(NY-5000)

The Moscow Carburetor Plant, by V. Kaydash,
L. Smirnov, N. Potapenkov, 5 pp.

RUSSIAN, 5 pp, Moskov Pravda, 2nd Nov 1961.

JPRS 13706

USSR

Econ

Sci - Engr

May 62

196,995

Stepping Up the Pace of Development of the
Eight-Year Schools, by ~~XXXXXXXXXX~~
L. Smirnov, 4 pp.

RUSSIAN, per, Narodnoye Obrazovaniye, No 9, 1960.

Internatl Arts & Sci Press
Soviet Education
Vol III, No 10

170,358

USSR

Soc

X-Ray Monochromator for Ultrasoft Radiation With
the Recording of the Absolute Number of Quanta, by
A. P. Lukirskiy, M. A. Ruzh, L. A. Smirnov, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol IX, No 4,
1960, pp 505-510.

OSA

Sci

Mar 61

141,550

Measurement of the Photoelectric Yield for Ultra-
soft X-Radiation, by A. P. Iukirskiy, M. A. Ruzh,
L. A. Smirnov, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol IX, No 4,
1960, pp 511-515.

OSIA

Sci

Mar 61

141, 552

Heating Feeder-Heads of Ingots for Cogging, by
A. I. Pastukhov, D. F. Nagovitsyn, L. A. Smirnov,
G. D. Bykov, 3 pp.

RUSSIAN, per, Stal, No 12, 1959, pp 1078-1081.

The Iron and Steel Institute

119,257

Sci-Tech

Jun 60

Investigations on Lipides, ^{VI} ~~VI~~ Synthesis of
Triglycerides of Vegetable Oils, by O. A. Serabrennikova,
I. D. Smirnov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 5
1961, pp 1535 - 1537

1537 - 1539

CR

191,954

Sci
Mar 62

121
Experiences in the Measurement of Areas
on Aerial Photographs, by L. E. Smirnov,
F. A. Chernyayeva. 16 pp.
RUSSIAN, per, Vestnik Leningradskogo Universiteta,
No 12, 1964, pp 129-140.
ACSI I-9349A
ID 2204015066

L. E. Smirnov

USSR/Geogr
Sci-Phys
Jun 66

202,054

Use of Shadows in Orienting Aerial Photographs, by
L. E. Smirnov, Yu. S. Prolov.

RUSSIAN, per, Vest Leningrad Univ Ser Geolog 1
Geog, No 12, 1962, pp 120-125.

MIL RTS 2202
(loan)

Sci
Jul 63

238,108

Smirnov, L. L.
THE PROBLEM OF SPONGIOBLASTOMA MULTI-
FORME (K Voprosu o Multiformnykh Spongioblas-
tomakh). [1961] 24p. 19 refs.
Order from OTS or SLA \$2.60 62-15315

Trans. of Zhurnal Nevropatologii i Psikhatrii (USSR)
1956, v. 56, no. 3, p. 200-210.

DESCRIPTORS: *Brain tumors, *Sarcoma, Histology,
Cells (Biology), Morphology, *Etiology, Virus dis-
eases, Bibliography.

Spongioblastoma multiforme is a malignant neoplasm
giving commonly a clinical picture of an inflammatory
disease. In its histological structure, by the tissue
reaction near the tumour and at a distance from it,
and by its general vascular and dystrophic changes in
the nervous system and internal organs spongioblas-
toma multiforme is more like an infective granuloma
(Biological Sciences--Pathology. TT. v. 8, no. 3)
(over)

62-15315

1. Title: Spongioblastoma
1. Smirnov, L. L.

212036

Office of Technical Services

54
Experiences in the Measurement of Areas
on Aerial Photographs, by L. E. Smirnov,
RUSSIAN, per, Vestnik Leningradskogo
Universiteta, No 12, 1964, pp 129-140.
*ACSI 1-9349 A

ID 2204015066

*L. E. Smirnov*Sci-Elect
Feb 65

Smirnov, L. L.
ON THE QUESTION OF MORPHOLOGICAL INVESTIGATION OF THE FUNCTIONAL STATES OF THE NERVOUS SYSTEM (K Voprosu o Morfologicheskoi Izucheni Funktsional'nykh Sostoianii Nervnoi Sistemy). [1961] 21p. 6 refs.
Order from OTS or SLA \$2.60

62-15338

Trans. of Zhurnal Vysshei Nervnoi Deyatel'nosti (USSR) 1956, v. 6, no. 1, p. 76-86.

DESCRIPTORS: *Nervous system, Morphology, Metabolism, Glycogen, Lipids, Inhibition, Histology, Brain, Mental diseases.

To construct a picture of the morphological counterpart of inhibitory processes, investigation of the whole neurone is required, and not merely of separate fragments of its complex structure, such as Nissl (Biological Sciences--Pathology, TT, v. 8, no. 1)(over

62-15338

L. Smirnov, L. L.

265406

Office of Technical Services

Bacteriological Warfare - Criminal Weapon of the Imperialist Aggressors, by M. U. Bagenakiy, S. Ya. Rozenblit and L. N. Sainov, 237 pp, (ID 1056724).

UNCLASSIFIED

RUSSIAN, Moscow, 1950.

ID. 00581 R-6796

USAR

Military

DMK

Jun 52 CTS

7 962

Kinetics of the Thermal Decomposition of N-Methyl-N,2,4,6-Tetranitroaniline (tetryl), by F. I. Dubovitskiy, G. B. Manelis, L. P. Smirnov, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 3, 1961, pp 521-529.

Cleaver-Hume Press Ltd.

Sci

Feb 62

182, 700

R-900

(DC-2501)

Experience Gained in Operating Distributing
Unit Sets in A City Cable Network, by L. P. ~~Smirnov~~
7 pp.

RUSSIAN, per, Elek Stants, No 9, 1958, pp 52-55.

JPRS-760-D

USSR
Econ
Jul 59

90,904

Investigation of the Semiconductor Triode by Means
of Models, by V. S. Vavilov, L. S. Smirnov.

RUSSIAN, per, Priory i Tekhnika Eksperimenta, No 2,
1956, pp 99-104.

Assoc Tech Sv *TR*
\$9.75 *RT-792*

Sci - Physics
Aug 57

51,548

On the Transformation of β -Particle Energies
to Electrical Energy in Germanium Crystals
with p-n Junctions, by B.M. Vul, V.S. Vavilov,
L.S. Smirnov, G.N. Galkin, V.M. Patskevich,
6 pp.

A. V. Spitsyn,
RUSSIAN, per, Atomnaya Energiya, Vol II,
No 6, 1957, pp. 533-537.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,057

1

Influence of Fast-Neutron Irradiation of Recombination of Electrons and Holes in Germanium Crystals,
by V. S. Vavilov, A. V. Spitsyn, L. S. Smirnov,
M. V. Chukichev,

RUSSIAN, bk, Metallurgiya i Metallovedenie, 1958,
pp 450-458.

AEC WP Tr-448

Sci - Min/Met
27 Oct 60

130,784

Formation of Crystal Lattice Defects in Germanium
by Fast-Electron Bombardment, by V. S. Vavilov,
L. S. Smirnov, G. N. Galkin, A. V. Spitsyn, V. M.
Patskevich, 4 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 1865-1869.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

Sci - Phys

54,406

Oct 57

Ionizing Energy of Electrons in Germanium Crystals;
~~Crystals~~, by V. S. Vavilov, L. S. Smirnov, V. M.
Patskevich, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII.
No 6, 1957, pp 1020-1022.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 1

56,960

Sci - Physics
Dec 57

Measurement of Short Lifetimes of Charge Carriers in
Germanium, by L. S. Smirnov, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 11, 1957,
pp 2469-2471.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 11

Sci - Physics
Jul 58

66, 298

The Effect of Fast Neutron Irradiation on the Recombination of Electrons and Holes in Germanium Crystals, by V. S. Vavilov, A. V. Spitsyn, L. S. Smirnov, M. V. Chukichev, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXIII, No ~~II~~, ~~1957~~ 1957, pp 702-705.

4

AmerInst of Phys
Sov Phys-JETP
Vol V, No 4

58,073

Sci - Physics
Jan 58

Effect of Low-Temperature Thermomechanical
Treatment on the Properties of Steel, by
V. D. Sadovaliy, L. V. Smirnov, 12 pp.
RUSSIAN, bk. Issledovaniya po Vysokoprochnym
Splavam i Nirevidnym Kristallam, 1963, pp 54-60.
9695867
FTD-TT-64-767

Sci - M/M
Feb 65

274,096

V
Effect of Plastic Deformation of Alloy
Structural Steels in the Austenitic State upon
Temper Embrittlement, by L. V. Smirnov et al

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol 103,
No 4, 1955, pp 609-10

Thermal D. H. S. S. S. R.
\$1.50 2-115

GIA 906077
900000
Brutcher No 3672
\$2.25

Scientific - Min/Metals
Feb 56 CTS/dex

31,241

Investigation of Phase Recrystallization in
Titanium, by V. D. Sadovskiy, G. N. Bogachova,
L. V. Smirnov, I. P. Sorokin, N. A. Kompareitsev,
7 pp. —

RUSSIAN, per, Fiz Metal i Metallov, Vol I, No 3,
1960, pp 397-403.

PP

165,816

Sci
Sep 61

The pH Dependence of Electronic Spectra of the
Simplest Derivatives of Benzene, I. Absorption
Spectra of Hydroxybenzenes, by L. V. Smirnov,
A. I. Suprunenko, 4 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol VIII,
No 6, 1960.

Optical Soc of Amer

Sci

Oct 60

130,279

Dichroism of Dye Molecules and Certain Benzol
Derivatives, by L. V. Smirnov, 7 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVII, No 6, 1953, p 695. 9093112

Morris D Friedman
\$3.50 S-114

Scientific - Physics

OTS 69/Jun 55

24,741

Study of Molecular Dichroism by Means of an
Artificial Orientation of the Molecules, by L. V.
Smirnov, 16 pp.

RUSSIAN, for, Optika i Spektroskopiya, Vol. III, 1957,
pp 123-133.

AEC Tr 3263

Sci - Chem

Sep 58

75, 715

(DC-5794)

Stereophotography with Portable 34 MM and Roll-Film Cameras During Geological and Geographical Field Surveys, by L. Ye. Smirnov, 10 pp.

RUSSIAN, per, Vest Leningrad Univ, Dec 1960, pp 131-138.

JPRS 8420

Sci - Phys
Jun 61

156,666

The Decomposition Potential of Fused Lead
and Thorium Chlorides, by M. V. Smirnov,
L. E. Ivabovskii, 12pp
RUSKIAN, per, Zhur Fiz Khim, Vol 31, 1957, No 2,
pp 467-473
SEA TT-64-30093

M. V. Smirnov

Sci - Chem
May 67

326,655

Air Reconnaissance, by M. Smirnov, 4 pp. USSR.

RUSSIAN, np, Krasnaya Zvezda, No 215, 12 Sep
1950, 2 4.

AF 1256123

USER
M11
Nov 59

100,791